

into a vertical downline, perform one and a half continuous rolls, pull through quarter loop, exit upright.

#### **F-25.11 Knife-edge Triangle with quarter roll integrated, half roll, half roll integrated, half roll, quarter roll integrated**

From upright, fly past center pull through a three eighths loop with quarter roll integrated into to a forty-five degree knife-edge upline, perform a half roll, perform a quarter knife-edge loop with a half roll integrated into a forty-five degree knife-edge downline, perform a half roll, perform a three eighths knife-edge loop with a quarter roll integrated, exit upright.

#### **F-25.12 Half Eight Sided Loop with quarter roll, quarter roll**

From upright, pull through a one eighth loop into a forty-five degree upline, perform a quarter roll, perform a one eighth knife-edge loop into a vertical upline, perform a one eighth knife-edge loop into a forty-five degree knife-edge upline, perform a quarter roll, pull through a one eighth loop, exit inverted.

#### **F-25.13 Forty Five Degree Downline with two consecutive one and a quarter rolls in opposite directions.**

From inverted, pull through a one eighth loop into a forty five degree downline, perform consecutively two one and a quarter rolls in opposite directions, push through a one eighth loop, exit inverted.

#### **F-25.14 Half Square Loop with roll, half roll in opposite directions**

From inverted, push through a quarter loop into a vertical upline, perform consecutively a roll and a half roll in opposite directions, pull through a quarter loop, exit inverted.

#### **F-25.15 Avalanche (from top) with quarter roll integrated, snap roll, quarter roll integrated**

From inverted, pull through loop, perform a quarter roll integrated in the first ninety degrees of the loop, perform a snap roll at the bottom of the loop, perform a quarter roll integrated in last ninety degrees of the loop, exit inverted.

#### **F-25.16 Knife.Edge Split S with quarter roll, quarter roll**

From inverted, perform a quarter roll, immediately perform a half knife-edge loop down, immediately perform a quarter roll, exit inverted.

#### **F-25.17 Stall Turn with half roll, three quarter rolls, three quarter snap roll, half roll.**

From inverted, perform a half roll, pull through a quarter loop into vertical upline, perform three consecutive quarter rolls, perform a stall turn into a vertical downline, perform a three quarter snap roll, push through a quarter loop, perform a half roll, exit upright.

Note: Exit starts after the last half roll.

### **SEMIFINAL/FINAL SCHEDULE F-23 (2022-2023)**

#### **F-23.01 Knife Edge Rolling Loop**

From upright, perform a three quarter roll to knife edge, perform a knife edge loop while performing a roll integrated, perform a three quarter roll, exit inverted.

#### **F-23.02 Stall Turn with snap roll, roll**

From inverted, push through a quarter loop into vertical upline, perform a snap roll, perform a stall turn into a vertical downline, perform a roll, push through a quarter loop, exit inverted.

#### **F-23.03 Eight consecutive one eighth rolls**

From inverted, perform consecutively eight, one eighth rolls, exit inverted.

#### **F-23.04 Shark Tooth with three consecutive quarter rolls, three quarter roll**

From inverted, push through a quarter loop into a vertical upline, perform consecutively three quarter rolls, perform a three eighth knife edge loop into a forty five degree downline, perform a three quarter roll, pull through a one eighth loop, exit upright.

#### **F-23.05 Square Loop on corner with quarter roll, half roll, half roll, quarter roll**

From upright, pull through a one eighth loop into a forty five degree upline, perform a quarter roll to knife edge, perform a quarter knife edge loop into forty five degree upline, perform a half roll, perform a quarter knife edge loop into a forty five degree downline, perform a half roll, perform a quarter knife edge loop into a forty five degree downline, perform a quarter roll, push through a one eighth loop, exit inverted.

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**F-23.06 Push-Pull-Pull Humpty-Bump with consecutive half rolls, integrated roll, snap roll**

From inverted, push through a quarter loop into a vertical upline, perform consecutively two half rolls, pull through a half loop with roll integrated into a vertical downline, perform a snap roll, pull through quarter loop, exit upright.

**F-23.07 Horizontal Eight with rolls integrated**

From upright, fly past center, pull through a three quarter loop while performing the first three quarter roll of two consecutive rolls integrated, then while continuing rolling perform a second loop (one roll integrated), while continuing rolling complete last quarter of first loop (quarter roll integrated), exit upright

**F-23.08 Reverse Figure ET with roll, two consecutive quarter rolls.**

From upright, pull through quarter loop into a vertical upline, perform a roll, pull through a five eighths loop into a forty five degree down line, perform consecutively two quarter rolls, pull through a three eighths loop, exit upright.

**F-23.09 Knife Edge Forty Five Degree Upline with two consecutive snap rolls in opposite direction**

From upright, perform a quarter roll to knife edge, perform a one eighth knife edge loop into a forty five degree upline, perform consecutively two snap rolls in opposite direction, perform a one eighth knife edge loop, perform a quarter roll, exit inverted.

**F-23.10 Reverse Vertical Shark Tooth with two consecutive half rolls in opposite direction, two consecutive quarter rolls, roll**

From inverted, pull through a quarter loop into a vertical downline, perform consecutively two half rolls in opposite direction, pull through a quarter loop, perform consecutively two quarter rolls, push through a three eighths loop into a forty five degree upline, perform a roll, pull through a three eighths loop, exit inverted.

**F-23.11 Reverse Double Fighter Turn with three consecutive quarter rolls, half roll, half roll, three consecutive quarter rolls**

From inverted, pull through a one eighth loop into a forty five degree downline, perform consecutively three quarter rolls, push through a half knife edge circle into a forty five degree upline, perform a half roll, perform a quarter knife edge loop into a forty five degree downline, perform a half roll, push through a half knife edge circle into a forty five degree upline, perform consecutively three quarter rolls, pull through a one eighth loop, exit inverted.

**F-23.12 Reverse Top Hat with quarter roll, quarter roll. Option: Reverse Top Hat with half roll, half roll**

From inverted, pull through a quarter loop into a vertical downline, perform a quarter roll, push through a quarter loop into a horizontal line, push through a quarter loop into a vertical upline, perform a quarter roll, push through a quarter loop, exit upright.

Option: From inverted, pull through a quarter loop into a vertical downline, perform a half roll, push through a quarter loop into a horizontal line, push through a quarter loop into a vertical upline, perform a half roll, push through a quarter loop, exit upright.

**F-23.13 Spin with two and a quarter turns, two and a quarter turns in opposite direction**

From upright, perform a spin with two and a quarter turns, perform immediately another spin with two and a quarter turns in opposite direction, perform a vertical downline, pull through a quarter loop, exit upright.

**F-23.14 Half Cuban Eight, with two half rolls in opposite direction, one and a half snap roll**

From upright, perform consecutively two half rolls in opposite direction, pull through a five eighths loop into a forty five degree downline, perform a one and a half snap roll, pull through a one eighth loop, exit upright.

**F-23.15 Rolling Circle with half rolls in opposite direction integrated**

From upright, perform a rolling circle with two half rolls in opposite direction integrated, first half roll to outside, exit upright.

**F-23.16 Half Square Loop with half rolls in opposite direction**

From upright, pull through a quarter loop into a vertical upline, perform consecutively two half rolls in opposite direction, pull through a quarter loop, exit inverted.

**F-23.17 Avalanche (from top) with half roll integrated, snap, half roll integrated**

From inverted, pull through a loop while integrating a half roll in first ninety degree, perform a snap roll at bottom of the loop, perform a half roll integrated in last ninety degree, exit inverted.

For the Manoeuvre Execution Guide, see Annex 5B.